



# State Fire Training Report

## Chief Officers Leadership and Instructor Development Clinic

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# Funding

- First time the State has supported firefighter training at the local level.
  - Year 1 - \$1,000,000
  - Year 2 - \$2,000,000
  - All Districts have State funding in place to conduct training.



# Funding Source – Federal Homeland Security Funds

- Hazardous Materials Awareness
- Hazardous Materials Operations
- Technical Rescue Awareness
  - All Districts have Federal grant funding in place to conduct training.
  - \$1 million appropriation

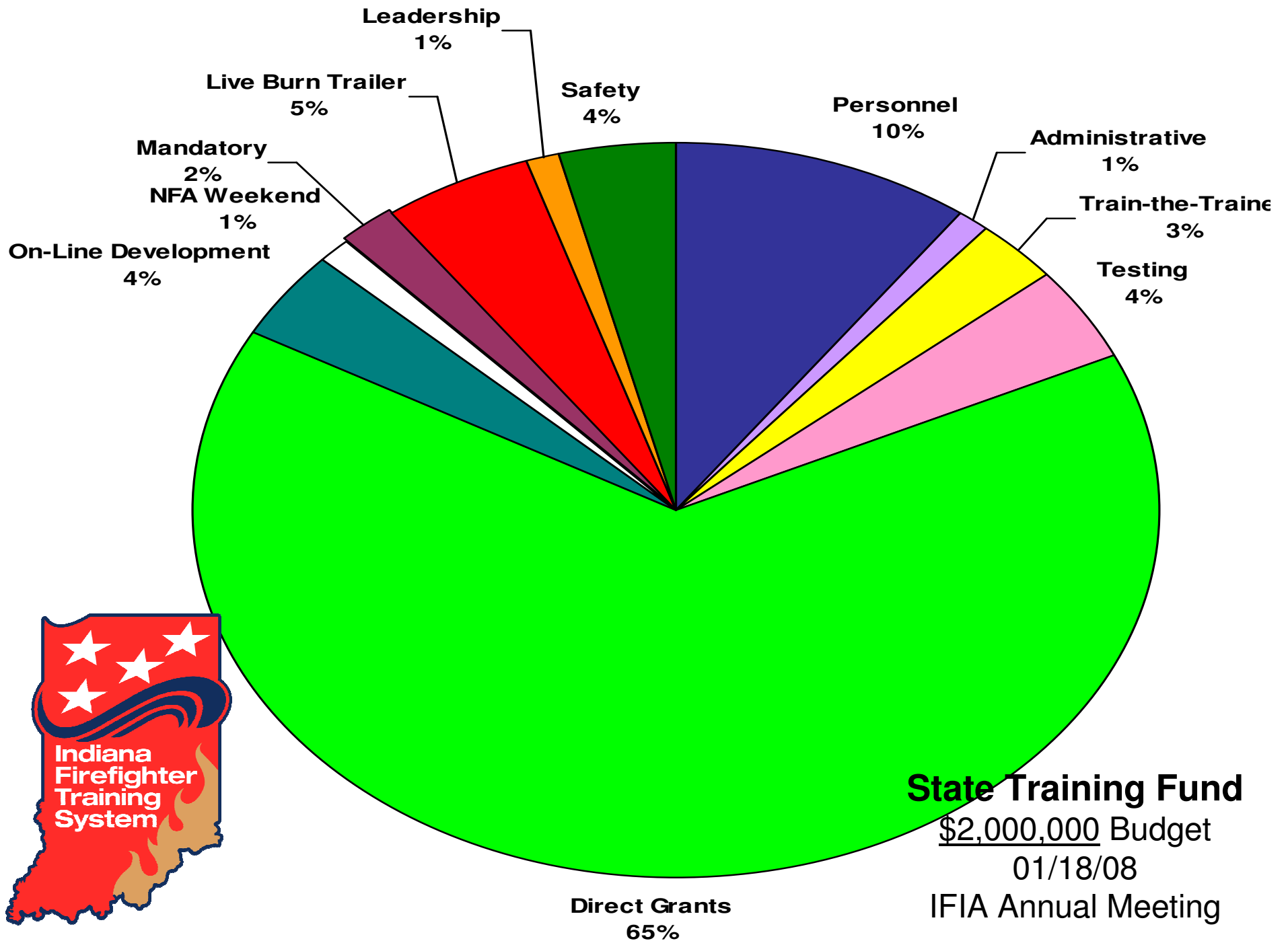


# Infrastructure Grant

6 Districts received funding to build training infrastructure

- Fund Established at \$2,300,000
  - Terre Haute (D7)
  - South Bend (D2)
  - Anderson (D6)
  - Auburn (D3)
  - Lafayette (D4)
  - Fishers (D5)
- \$600,000 distributed
- Additional Grant cycles established for 2008







# District Training

- **Needs Assessment**
- **Permanent Committee**
  - **Hire a Coordinator**
- **Budget**
- **Fiscal Agent**
- **Training**
- **Challenges**



# State Fire Training Report

- Books
  - Fire Fighter Skills
    - Jones and Bartlett
  - Instructor 7<sup>th</sup> Edition
  - Hazardous Materials
    - IFSTA 3<sup>rd</sup> Edition
  - First Responder
    - Brady
  - Strategy and Tactics
    - Brady 2<sup>nd</sup> Edition
    - James P. Smith

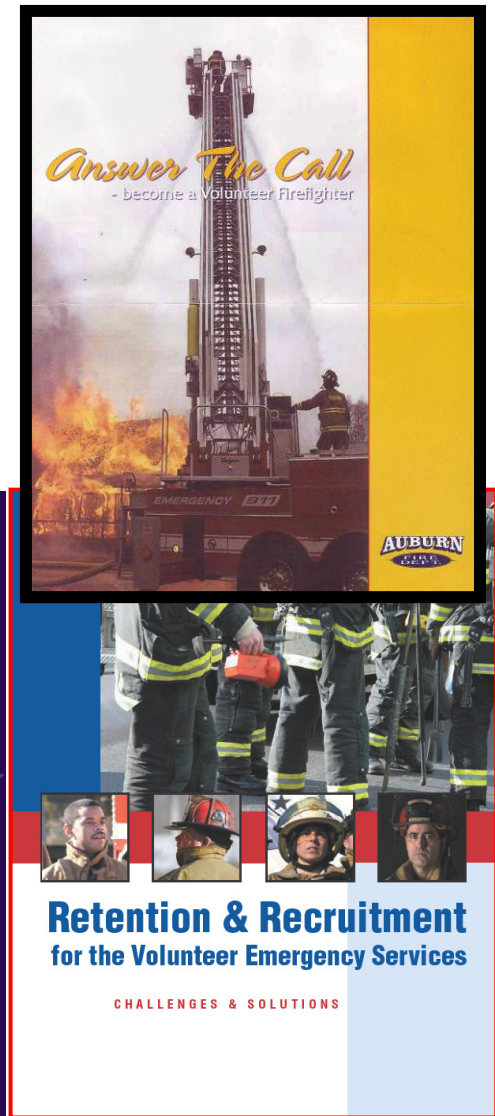
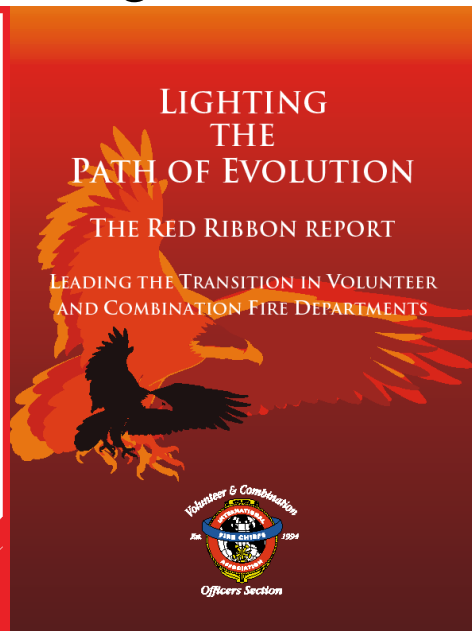
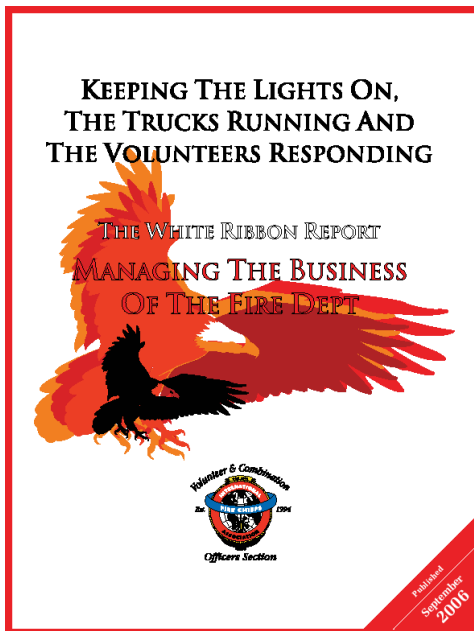
# Recruit Level Training

- Developed Indiana Mandatory Curriculum
  - Includes Instructor Guide, Student Manual, Skill Examination sheet and Driver Safety DVD.
- Provided free of charge upon request.
- 4000 copies of Student manual printed and distributed
- 1250 copies of Instructor curriculum printed and distributed

# State Fire Training Report

## Recruiting and Retaining Volunteers Seminar

Each IVFA Public Relations District  
3 hour training session



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# State Fire Training Report

- Kidde Fire-Trainer
  - \$550,000 Investment
  - 53' Trailer
    - 4 live burn props
    - 2 story
      - Advance hose up/down a stairway
    - Vertical Ventilation
    - Search and Rescue



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# Purchased

- Mobile Hazardous Materials Training platform
  - \$470,000 Federal Homeland Security Fund

# Mobile Hazardous Materials

## Training platform capability

- Visible Vapor Cloud simulating a chlorine leak in a variety of cylinders that would require the use of A/B/C response kit.
- Visible Vapor Cloud simulating a reaction with sulfuric acid and water from a bank of batteries normally used in phone company central stations that would the deployment of neutralization agents.
- Visible Vapor Cloud simulating a propane release using a 100 pound cylinder and/or
- Visible Vapor Cloud simulating a propane release using a Christmas tree piping training device that may include ignition of the gas.

# Mobile Hazardous Materials Training platform capability

- Simulate a broken natural gas line outside a building that would require the closing of the valve at the gas meter to eliminate the flow of gas.
- Leaking liquid from a 15/30/55 gallon steel drum that requires an overpack system to contain the release.

# Mobile Hazardous Materials Training platform capability

- Construct a clandestine lab that would require the response, containment and removal of simulated explosive atmosphere. This scenario will require the deployment of air monitoring equipment.

# Mobile Hazardous Materials Training platform capability

- Liquid release simulates contamination of equipment from agricultural pesticide chemicals 100 gallon plastic agricultural tank.
- Simulate flammable liquid release from a semi-tractor saddle tank that requires the use of diking equipment.
- Simulate flammable liquid release from a semi-tractor saddle tank that requires patching.

# Mobile Hazardous Materials

## Training platform capability

- Construct a training prop that uses powder as the simulation agent and requires a level A haz mat response that includes sampling and testing on site.
- Simulate a leak from a industrial piping system of ammonia and bleach/ muriatic acid/common household chemicals that produces poisonous gases and require detection, ventilation and possibly decontamination.

# Mobile Hazardous Materials Training platform capability

- Simulate a leak from a 100 pound cylinder of ammonia and bleach/ muriatic acid/common household chemicals that produces poisonous gases and require detection, ventilation and possibly decontamination.
- Visible Vapor Cloud simulating a chlorine leak in a 100lb cylinder that would require the use of A response kit.
- Simulate a broken natural gas line inside a building that would require the crimping of the gas line to eliminate the flow of gas.
- Simulate a broken natural gas line inside a building that would require the closing of the gas line valve to eliminate the flow of gas.

# Mobile Hazardous Materials

## Training platform capability

- Create a training scenario that includes the measurement of carbon monoxide gas inside a structure.
- Create a simulated training scenario that includes a manhole cover requires a below-grade entry utilizing steps or ladder that would require monitoring for methane/hydrogen sulfide.
- Create a simulated training scenario that includes a manhole cover requires a below-grade entry utilizing tripod rescue system that would require monitoring for methane/hydrogen sulfide.

# Mobile Hazardous Materials Training platform capability

- Create a simulated training scenario for pressurized hydraulic fluid escaping from a pipe that requires the patching of the leaking substance.
- Cabinet that simulates containing at least 5-one gallon glass containers; 15-quart containers and one container that releases and mix create a noxious liquid and gas cloud.

# Mobile Hazardous Materials Training platform capability

- Metal cabinet attached to an interior wall that simulates containing at least one container of simulated radioactive source that releases and creates a level high enough to be detected with radiological measuring devices.
- A walk through door (3' by 7' 8") shall include an training scenario that requires the use of non-sparking tools to remove the lock mechanism. The locking mechanism shall include a device equivalent to the power jamb forcible entry training device. The door frame shall be constructed in such a manner to be reused at least 500 times with no damage.

# **Disaster Relief Fund**

- **\$1,000,000**
  - Support local communities and response agencies reimbursement process.
  - Created by Legislation

# Training Program

- Fire Chief Leadership Training
- Year 1 – 6 courses / 500 attendees
- Year 2 – 5 courses / 600 attendees
- Year 3 – 3 planned 2008



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# Training Program

- Instructor Development Clinic  
Improve Professional Status and Capability  
Improve Administration skills  
Year 1 – planned 2008



# Testing and Certification

- Improved Testing and certification processes
- Test scores average rose for Firefighter I/II 4 points.
- Test scores average rose for Mandatory 15 points.
- Test score average for Mandatory 84.2% - 1/1/2008.
- 2006 - 2007 over 31,000 Firefighter certifications were approved

# National Fire Academy

- Deliver advanced level training courses.
  - 353 students attended 13 courses
- Indiana Weekend
  - 150 students (2007-2008)

# Created a standard set of Fire Apparatus Specifications

- 2008 / develop a QPA for these specifications / allow local communities to purchase off this QPA at considerable savings to the local taxpayers.
  - Allow State agencies to purchase from this QPA to provide opportunity to expand the capability of the money being used from State grants.

# SAFETY INITIATIVE



**ALL ASSOCIATIONS INVOLVED**

# Firefighter Safety Initiative

- Designed to provide officers firefighters with information and support to help them do their job safer.
- Posters developed and mailed to each Fire Department in the State



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# Firefighter Safety Initiative

- Streaming video training under development in partnership with the Indiana Fire Instructors Association.
- Quarterly newsletter distributed electronically.
- Banners designed and developed to be placed at Fire Departments and conferences.



# Courage to Be Safe Training

- Training curriculum designed to teach Firefighters how to react in a “Mayday” situation.
- Courage to be Safe training initiative.
- Program developed by the National Fallen Firefighters Foundation  
Funding provided by State Firefighter Training Funds
- Deliver 30 courses in partnership with the Indiana Fire Instructors Association

# Firefighter Survival and Rescue Training curriculum

- Props built for each District.  
Portable props built for each district
- Fund provided through State grant to conduct the training.



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- Curriculum designed to teach firefighters how to survive the worst possible situations they might encounter.
- Train-the-Trainer conducted
  - 58 Instructors trained in the delivery of Survival and Rescue curriculum



# **Technical Rescue Awareness**

- Curriculum developed and delivered.
- Over 900 firefighters have attended 40 courses delivered in each district

# Leadership

- Lead Legislation
- Legislation to eliminate the requirement for certification at the mandatory level before Firefighter I/II
- Allows for many career firefighters to not have to take a duplicate course of instruction.

# Organization of Fire Organizations in the State

- Continuous communications established
- Monthly meetings with Fire Service Organizational Leadership
- Regular attendance at meetings / conferences and conventions
- 2005 – conducted 12 summits in various parts of the State
- 2006 – conducted 6 summits in various parts of the State – partnership with the Indiana Fire Chiefs Association

# **2008 – conducting a career firefighter summit / partnership with the Professional Firefighters Union of Indiana**

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# **State Fire Leadership Advisory Committee**

- Indiana Fire Chiefs Association
- Indiana Volunteer Firefighters Association
- Professional Firefighters Union of Indiana
- Indiana Fire Instructors Association

# State Fire Training Report

- Props
  - Forcible Entry
  - Vertical Ventilation
  - Sprinkler
  - Search and Rescue
  - Saw Skill
  - Entanglement
  - Live Burn

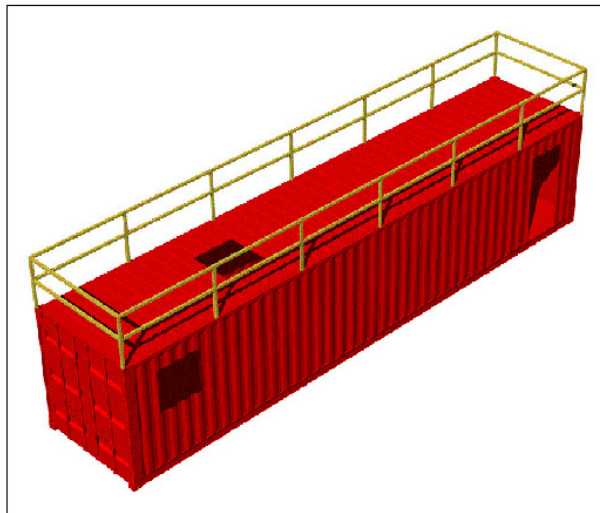


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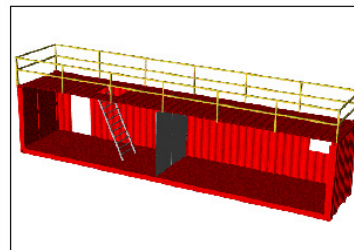
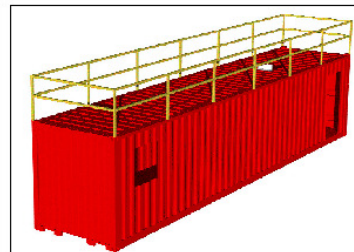
# State Fire Training Report

## Live Burn Shipping Containers

### PROPOSAL FOR FIRE TRAINING PROP, S.W. REGIONAL INDIANA FIRE DEPT.



FRONT/LEFT/TOP



**WAREHOUSE  
ON  
WHEELS**

#### UNIT SPECIFICATIONS

1 40' CONTAINER  
2 TRAINING LEVELS  
1 BURN DOOR  
1 NON-BURN DOOR  
1 NON-BURN WINDOW  
1 NON-BURN WINDOW  
1 ROOF HATCH  
1 DROP DOWN LADDER  
1 TRAINING DECK  
1 20' BURN CHAMBER

TRAINING AREA  
TOTAL SQ. FT. = 640 SQ.FT.

#### TERMS AND CONDITIONS:

1. CONCRETE PAD NOT INCLUDED.
2. A WAREHOUSE ON WHEELS, INC. TO FABRICATE, ERECT, AND INSTALL.  
(1) ONE TURNKEY FACILITY.
3. 8 WEEKS LEAD TIME
4. PAYMENT OF 1/3 DOWN FOR STARTUP  
1/3 DOWN AT HALFWAY POINT  
1/3 UPON COMPLETION/INSPECTION.
5. 3% INCREASE OF TOTAL PRICE IF  
UNION PREVAILING WAGES ARE BONANDED.
6. QUOTE IS GOOD FOR 45 DAYS.
7. A WAREHOUSE ON WHEELS, INC. IS A  
LICENSED, INSURED AND BONDED CO.

TOTAL PRICE= \$22,900.00

(INCLUDES FABRICATION,  
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INTERIOR, AND CRANE)

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DATE: 04-27-07	SCALE: NONE
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